



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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March 28, 2006

Stephen Gibelli, Esq.
Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270

RE: **DOCKET NO. F-2006** -- Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources

Dear Attorney Gibelli:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than April 18, 2006. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 20 copies to this office. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. A list of parties and intervenors is enclosed. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,



S. Derek Phelps
Executive Director

SDP/MP

c: Council Members
Parties and Intervenors
Chris Bernard, Northeast Utilities Service Company

Docket F-2006
CL&P Pre-Hearing Interrogatories, Set One

1. On page 3 of the Connecticut Light and Power Company's (CL&P) 2006 Forecast of Electric Loads and Resources (CL&P Forecast), CL&P notes that "The Independent System Operator of New England forecasts that Connecticut will have a generation capacity deficiency of 979 megawatts in 2011 – assuming no new plants and no retirement of existing generation." Is this projection based on ISO New England's 90/10 forecast or 50/50 forecast?
2. On page 4 of the CL&P Forecast, item number 6, a drawing shows the flow of electricity through New England's 345-kV transmission system. On the 345-kV line entering western Connecticut from New York state (#398 line), does power typically flow in or out of Connecticut? Or does this change depending on load conditions?
3. Review the 2005 report titled *Connecticut Siting Council Review of the Forecast of Connecticut Electric Loads and Resources*, and provide any comments that may be helpful in the preparation of the 2006 report. For example, are there any new topics that CL&P believes should be addressed in the 2006 report that were not covered in the 2005 report?
4. Compare and discuss the historical 10-year change to the ten-year forecast for both the system requirements and peaks.
5. List the technologies that Connecticut Light & Power has in place to monitor and communicate voltage fluctuations? Identify transmission system conditions and actions to maintain and protect the grid and customers.
6. In Table 1-1 of the CL&P Forecast, approximately what is the probability of the summer extreme weather peak being exceeded in a given year?
7. Describe any new and/or innovative CL&M energy savings measures that CL&P has employed or is considering.
8. Were the modifications to the Sasco Creek Substation (Petition No. 760) identified in the CL&P forecast? When would this upgrade be needed to meet CL&P's needs?